

recognized by only those T cells which recognize the peptide of claim 2.

28. The modified peptide of claim 27, wherein the modification enhances solubility, stability, or both solubility and stability, compared to the wild-type peptide.--

PROPOSED AMENDMENTS TO THE DRAWINGS

Applicants request, under 37 C.F.R. §1.121(a)(3)(ii), the Examiner's permission to correct the drawings as follows:

In Fig. 2, line 1, after "R M K" insert --SEQ ID NO:3--.
In Fig. 3, line 2, after "F G S" insert --SEQ ID NO:4--.
In Fig. 3, line 3, after "G A F" insert --SEQ ID NO:5--.
In Fig. 3, line 4, after "D D P" insert --SEQ ID NO:6--.
In Fig. 3, line 5, after "L R Y" insert --SEQ ID NO:7--.
In Fig. 3, line 6, after "L W I" insert --SEQ ID NO:8--.
In Fig. 3, line 7, after "I K L" insert --SEQ ID NO:9--.
In Fig. 3, line 8, after "G N K" insert --SEQ ID NO:10--.
In Fig. 3, line 9, after "E V H" insert --SEQ ID NO:11--.
In Fig. 3, line 10, after "L F M" insert --SEQ ID NO:12--.
In Fig. 3, line 11, after "L H G" insert --SEQ ID NO:13--.
In Fig. 3, line 12, after "T S V" insert --SEQ ID NO:14--.
In Fig. 3, line 13, after "E A S" insert --SEQ ID NO:15--.
In Fig. 3, line 14, after "Q D G" insert --SEQ ID NO:16--.
In Fig. 3, line 15, after "V T L" insert --SEQ ID NO:17--.
In Fig. 3, line 16, after "L S L" insert --SEQ ID NO:18--.
In Fig. 3, line 17, after "V T L" insert --SEQ ID NO:19--.

In Fig. 2, line 18, after "S N N" insert --SEQ ID NO:20--.
In Fig. 2, line 19, after "V M L" insert --SEQ ID NO:21--.
In Fig. 2, line 20, after "S D D" insert --SEQ ID NO:22--.
In Fig. 2, line 21, after "A F N" insert --SEQ ID NO:23--.
In Fig. 2, line 22, after "Q R M" insert --SEQ ID NO:24--.
In Fig. 2, line 23, after "I H V" insert --SEQ ID NO:25--.
In Fig. 2, line 24, after "W S I" insert --SEQ ID NO:26--.
In Fig. 2, line 25, after "N P T" insert --SEQ ID NO:27--.
In Fig. 2, line 26, after "F T A" insert --SEQ ID NO:28--.
In Fig. 2, line 27, after "E V T" insert --SEQ ID NO:29--.
In Fig. 2, line 28, after "P S T" insert --SEQ ID NO:30--.

In Fig. 3, line 1, after "S T Q" insert --SEQ ID NO:31--.
In Fig. 3, line 2, after "Y F V" insert --SEQ ID NO:32--.
In Fig. 3, line 3, after "T N I" insert --SEQ ID NO:33--.
In Fig. 3, line 4, after "K V E" insert --SEQ ID NO:34--.
In Fig. 3, line 5, after "L T K" insert --SEQ ID NO:35--.
In Fig. 3, line 6, after "I L S" insert --SEQ ID NO:36--.
In Fig. 3, line 7, after "P C S" insert --SEQ ID NO:37--.

In Fig. 4, line 1, after "F G S" insert --SEQ ID NO:4--.
In Fig. 4, line 2, after "D D P" insert --SEQ ID NO:6--.
In Fig. 4, line 3, after "L R Y" insert --SEQ ID NO:7--.
In Fig. 4, line 4, after "L W I" insert --SEQ ID NO:8--.
In Fig. 4, line 5, after "I K L" insert --SEQ ID NO:9--.
In Fig. 4, line 6, after "G N K" insert --SEQ ID NO:10--.
In Fig. 4, line 7, after "L F M" insert --SEQ ID NO:12--.

In Fig. 4, line 8, after "L H G" insert --SEQ ID NO:13--.
In Fig. 4, line 9, after "T S V" insert --SEQ ID NO:14--.
In Fig. 4, line 10, after "Q D G" insert --SEQ ID NO:16--.
In Fig. 4, line 11, after "V T D" insert --SEQ ID NO:17--.
In Fig. 4, line 12, after "L S D" insert --SEQ ID NO:18--.
In Fig. 4, line 13, after "V M L" insert --SEQ ID NO:21--.
In Fig. 4, line 14, after "S D D" insert --SEQ ID NO:22--.
In Fig. 4, line 15, after "A F N" insert --SEQ ID NO:23--.
In Fig. 4, line 16, after "Q R M" insert --SEQ ID NO:24--.
In Fig. 4, line 17, after "I H V" insert --SEQ ID NO:25--.
In Fig. 4, line 18, after "W S I" insert --SEQ ID NO:26--.
In Fig. 4, line 19, after "N P T" insert --SEQ ID NO:27--.
In Fig. 4, line 20, after "F T A" insert --SEQ ID NO:28--.
In Fig. 4, line 21, after "E V T" insert --SEQ ID NO:29--.
In Fig. 4, line 22, after "Y F V" insert --SEQ ID NO:32--.
In Fig. 4, line 23, after "T N I" insert --SEQ ID NO:33--.
In Fig. 4, line 24, after "K V E" insert --SEQ ID NO:34--.
In Fig. 4, line 25, after "L T K" insert --SEQ ID NO:35--.
In Fig. 4, line 26, after "I L S" insert --SEQ ID NO:36--.

In Fig. 6, line 1, after "V M A" insert --SEQ ID NO:38--.
In Fig. 6, line 2, after "Q I M" insert --SEQ ID NO:39--.
In Fig. 6, line 3, after "Y L R" insert --SEQ ID NO:40--.
In Fig. 6, line 4, after "L V H" insert --SEQ ID NO:41--.
In Fig. 6, line 5, after "V F N" insert --SEQ ID NO:42--.
In Fig. 6, line 6, after "G D G" insert --SEQ ID NO:43--.
In Fig. 6, line 7, after "F A T" insert --SEQ ID NO:44--.

In Fig. 6, line 8, after "K A S" insert --SEQ ID NO:45--.
In Fig. 6, line 9, after "N K K" insert --SEQ ID NO:46--.
In Fig. 6, line 10, after "F R G" insert --SEQ ID NO:47--.
In Fig. 6, line 11, after "F K V" insert --SEQ ID NO:48--.
In Fig. 6, line 12, after "P D P" insert --SEQ ID NO:49--.
In Fig. 6, line 13, after "I W L" insert --SEQ ID NO:50--.
In Fig. 6, line 14, after "F N L" insert --SEQ ID NO:51--.
In Fig. 6, line 15, after "G Q G" insert --SEQ ID NO:52--.
In Fig. 6, line 16, after "C K V" insert --SEQ ID NO:53--.
In Fig. 6, line 17, after "N D E" insert --SEQ ID NO:54--.
In Fig. 6, line 18, after "I D Y" insert --SEQ ID NO:55--.
In Fig. 6, line 19, after "E L T" insert --SEQ ID NO:56--.
In Fig. 6, line 20, after "H L V" insert --SEQ ID NO:57--.
In Fig. 6, line 21, after "K I Q" insert --SEQ ID NO:58--.
In Fig. 6, line 22, after "R D S" insert --SEQ ID NO:59--.
In Fig. 6, line 23, after "I F A" insert --SEQ ID NO:60--.
In Fig. 6, line 24, after "K C V" insert --SEQ ID NO:61--.
In Fig. 6, line 25, after "I A I" insert --SEQ ID NO:62--.
In Fig. 6, line 26, after "T I K" insert --SEQ ID NO:63--.
In Fig. 6, line 27, after "H G I" insert --SEQ ID NO:64--.

In Fig. 7, line 1, after "D N S" insert --SEQ ID NO:65--.
In Fig. 7, line 2, after "H V N" insert --SEQ ID NO:66--.
In Fig. 7, line 3, after "Q N G" insert --SEQ ID NO:67--.
In Fig. 7, line 4, after "G G S" insert --SEQ ID NO:68--.
In Fig. 7, line 5, after "Y E N" insert --SEQ ID NO:69--.
In Fig. 7, line 6, after "N P I" insert --SEQ ID NO:70--.

In Fig. 7, line 7, after "T S A" insert --SEQ ID NO:71--.
In Fig. 7, line 8, after "S A V" insert --SEQ ID NO:72--.
In Fig. 7, line 9, after "K N I" insert --SEQ ID NO:73--.
In Fig. 7, line 10, after "A A I" insert --SEQ ID NO:74--.
In Fig. 7, line 11, after "V P C" insert --SEQ ID NO:75--.
In Fig. 7, line 12, after "V S L" insert --SEQ ID NO:76--.
In Fig. 7, line 13, after "A S C" insert --SEQ ID NO:77--.
In Fig. 7, line 14, after "F Y S" insert --SEQ ID NO:78--.
In Fig. 7, line 15, after "K N L" insert --SEQ ID NO:79--.
In Fig. 7, line 16, after "E F E" insert --SEQ ID NO:80--.
In Fig. 7, line 17, after "V M D" insert --SEQ ID NO:81--.
In Fig. 7, line 18, after "K G D" insert --SEQ ID NO:82--.
In Fig. 7, line 19, after "S S P" insert --SEQ ID NO:83--.
In Fig. 7, line 20, after "K G C" insert --SEQ ID NO:84--.
In Fig. 7, line 21, after "I I V" insert --SEQ ID NO:85--.
In Fig. 7, line 22, after "Y Y P" insert --SEQ ID NO:86--.
In Fig. 7, line 23, after "H N K" insert --SEQ ID NO:87--.
In Fig. 7, line 24, after "Y N P" insert --SEQ ID NO:88--.

In Fig. 8, line 1, after "V F N" insert --SEQ ID NO:42--.
In Fig. 8, line 2, after "F A T" insert --SEQ ID NO:44--.
In Fig. 8, line 3, after "K A S" insert --SEQ ID NO:45--.
In Fig. 8, line 4, after "N K K" insert --SEQ ID NO:46--.
In Fig. 8, line 5, after "F E G" insert --SEQ ID NO:47--.
In Fig. 8, line 6, after "F K V" insert --SEQ ID NO:48--.
In Fig. 8, line 7, after "P D P" insert --SEQ ID NO:49--.
In Fig. 8, line 8, after "I W L" insert --SEQ ID NO:50--.

In Fig. 8, line 9, after "F N L" insert --SEQ ID NO:51--.

In Fig. 8, line 10, after "G Q G" insert --SEQ ID NO:52--.

In Fig. 8, line 11, after "C K V" insert --SEQ ID NO:53--.

In Fig. 8, line 12, after "N D R" insert --SEQ ID NO:54--.

In Fig. 8, line 13, after "I D Y" insert --SEQ ID NO:55--.

In Fig. 8, line 14, after "E L T" insert --SEQ ID NO:56--.

In Fig. 8, line 15, after "H L V" insert --SEQ ID NO:57--.

In Fig. 8, line 16, after "K I Q" insert --SEQ ID NO:58--.

In Fig. 8, line 17, after "F D S" insert --SEQ ID NO:59--.

In Fig. 8, line 18, after "I F A" insert --SEQ ID NO:60--.

In Fig. 8, line 19, after "K C V" insert --SEQ ID NO:61--.

In Fig. 8, line 20, after "I A I" insert --SEQ ID NO:62--.

In Fig. 8, line 21, after "T I K" insert --SEQ ID NO:63--.

In Fig. 8, line 22, after "H G I" insert --SEQ ID NO:64--.

In Fig. 8, line 23, after "Q N G" insert --SEQ ID NO:67--.

In Fig. 8, line 24, after "G G S" insert --SEQ ID NO:68--.

In Fig. 8, line 25, after "Y E N" insert --SEQ ID NO:69--.

In Fig. 8, line 26, after "N P I" insert --SEQ ID NO:70--.

In Fig. 8, line 27, after "T S A" insert --SEQ ID NO:71--.

In Fig. 8, line 28, after "S A V" insert --SEQ ID NO:72--.

In Fig. 8, line 29, after "K N I" insert --SEQ ID NO:73--.

In Fig. 8, line 30, after "A A I" insert --SEQ ID NO:74--.

In Fig. 8, line 31, after "V P C" insert --SEQ ID NO:75--.

In Fig. 8, line 32, after "A S C" insert --SEQ ID NO:77--.

In Fig. 8, line 33, after "F Y S" insert --SEQ ID NO:78--.

In Fig. 8, line 34, after "K N L" insert --SEQ ID NO:79--.

In Fig. 8, line 35, after "E F E" insert --SEQ ID NO:80--.

Fig. 2

#1-1(1-20). D N P I D S C W R G D A N W D Q N R M K SEG ID 10013
 #1-2(11-30). D A N W D Q N R M K L A D C A V G F G S SEG ID 10014
 #1-3(21-40). L A D C A V G F G S S A M G G K G G A F SEG ID 10015
 #1-4(31-50). S A M G G K G G A F Y T V T S S D D D P SEG ID 10016
 #1-5(41-60). Y T V T S S D D D P V N P A P G T L R Y SEG ID 10017
 #1-6(51-70). V N P A P G T L R Y G A T R E R S L W I SEG ID 10018
 #1-7(61-80). G A T R E R S L W I I F S K N L N I K L SEG ID 10019
 #1-8(71-90). I F S K N L N I K L N M P L Y I A G N K SEG ID 10020
 #1-9(81-100). N M P L Y I A G N K T I D G R G A E V H SEG ID 10021
 #1-10(91-110). T I D G R G A E V H I G N G G P C L F M SEG ID 10022
 #1-11(101-120). I G N G G P C L F M R T V S H V I L H G SEG ID 10023
 #1-12(111-130). R T V S H V I L H G L N I H G C N T S V SEG ID 10024
 #1-13(121-140). L N I H G C N T S V S G N V L I S E A S SEG ID 10025
 #1-14(131-150). S G N V L I S E A S G V V P V H A Q D G SEG ID 10026
 #1-15(141-160). G V V P V H A Q D G D A I T M R N V T D SEG ID 10027
 #1-16(151-170). D A I T M R N V T D V W I D H N S L S D SEG ID 10028
 #1-17(161-180). V W I D H N S L S D S S D G L V D V T L SEG ID 10029
 #1-18(171-190). S S D G L V D V T L A S T G V T I S N N SEG ID 10030
 #1-19(181-200). A S T G V T I S N N H F F N H H K V M L SEG ID 10031
 #1-20(191-210). H F F N H H K V M L L G H S D I Y S D D SEG ID 10032
 #1-21(201-220). L G H S D I Y S D D K S M K V T V A F N SEG ID 10033
 #1-22(211-230). K S M K V T V A F N Q F G P N A G Q R M SEG ID 10034
 #1-23(221-240). Q F G P N A G Q R M P R A R Y G L I H V SEG ID 10035
 #1-24(231-250). P R A R Y G L I H V A N N N Y D P W S I SEG ID 10036
 #1-25(241-260). A N N N Y D P W S I Y A I G G S S N P T SEG ID 10037
 #1-26(251-270). Y A I G G S S N P T I L S E G N S F T A SEG ID 10038
 #1-27(261-280). I L S E G N S F T A P N D S D K K E V T SEG ID 10039
 #1-28(271-290). P N D S D K K E V T R R V G C E S P S T SEG ID 10040

Fig. 3

#1-29(281-300). R R V G C E S P S T C A N W V W R S T Q
#1-30(291-310). C A N W V W R S T Q D S F N N G A Y F V
#1-31(301-320). D S F N N G A Y F V S S G K N E G T N I
#1-32(311-330). S S G K N E G T N I Y N N N E A F K V E
#1-33(321-340). Y N N N E A F K V E N G S A A P Q L T K
#1-34(331-350). N G S A A P Q L T K N A G V L T C I L S
#1-35(341-354). N A G V L T C I L S K P C S

Fig. 4

#1-2(11-30).	DANWDQNRMKLADCAVGFGS	SEG ID 1000
#1-4(31-50).	SAMGGKGGAFYTVTSSDDDP	SEG ID 1001
#1-5(41-60).	YTVTSSDDDPVNPAPGTLRY	SEG ID 1002
#1-6(51-70).	VNPAPGTLRYGATRERSLWI	SEG ID 1003
#1-7(61-80).	GATRERSLWIIFSKNLNIKL	SEG ID 1004
#1-8(71-90).	IFSKNLNIKLNMPLYIAGNK	SEG ID 1005
#1-10(91-110).	TIDGRGAEVHIGNGGPCLFM	SEG ID 1006
#1-11(101-120).	IGNGGPCCLFMRTVSHVILHG	SEG ID 1007
#1-12(111-130).	RTVSHVILHGLNIHGCNTSV	SEG ID 1008
#1-14(131-150).	SGNVLISEASGVVPVHAQDG	SEG ID 1009
#1-15(141-160).	GVVPVHAQDGDAITMRNVTD	SEG ID 1010
#1-16(151-170).	DAITMRNVTDVWIDHNSLSD	SEG ID 1011
#1-19(181-200).	ASTGYTISNNHFFNHHKVML	SEG ID 1012
#1-20(191-210).	HFFNHHKVMLLGHSDIYSDD	SEG ID 1013
#1-21(201-220).	LGHSDIYSDDKSMKVTVAFN	SEG ID 1014
#1-22(211-230).	KSMKVTVAFNQFGPNAGQRM	SEG ID 1015
#1-23(221-240).	QFGPNAGQRMPRARYGLIHV	SEG ID 1016
#1-24(231-250).	PRARYGLIHVANNNYDPWSI	SEG ID 1017
#1-25(241-260).	ANNNYDPWSIYAIGGSSNPT	SEG ID 1018
#1-26(251-270).	YAIGGSSNPTILSEGNSFTA	SEG ID 1019
#1-27(261-280).	ILSEGNSFTAPNDSDKKEVT	SEG ID 1020
#1-30(291-310).	CANWVWRSTQDSFNNGAYFV	SEG ID 1021
#1-31(301-320).	DSFNNGAYFVSSGKNEGNTNI	SEG ID 1022
#1-32(311-330).	SSGKNEGNTNIYNNNEAFKVE	SEG ID 1023
#1-33(321-340).	YNNNEAFKVENGSAAAPQLTK	SEG ID 1024
#1-34(331-350).	NGSAAAPQLTKNAGVLTCLLS	SEG ID 1025

Fig. 6

#2-1(1-20).	MGMKFMAAVAFLLALQLIVMA	SEQ ID NO. 2
#2-2(11-30).	FLALQLIVMAAAEDQSAQIM	SEQ ID NO. 3
#2-3(21-40).	AAEDQSAQIMLDS DIEQYLR	SEQ ID NO. 4
#2-4(31-50).	LDS DIEQYLR SNRSLKKLVH	SEQ ID NO. 5
#2-5(41-60).	SNRSLKKLVH SRHDAATVFN	SEQ ID NO. 6
#2-6(51-70).	SRHDAATVFN VEQYGAVGDG	SEQ ID NO. 7
#2-7(61-80).	VEQYGAVGDG KHDSTEAFAT	SEQ ID NO. 8
#2-8(71-90).	KHDSTEAFAT TWNAACKKAS	SEQ ID NO. 9
#2-9(81-100).	TWNAACKKAS AVL LVFANKK	SEQ ID NO. 10
#2-10(91-110).	AVL LVFANKK FVNNLVFRG	SEQ ID NO. 11
#2-11(101-120).	FVNNLVFRG PCQPHLSFKV	SEQ ID NO. 12
#2-12(111-130).	PCQPHLSFKV DGTIVAQPDP	SEQ ID NO. 13
#2-13(121-140).	DGTIVAQPDP ARWKNSKIWL	SEQ ID NO. 14
#2-14(131-150).	ARWKNSKIWL QFAQLTDFNL	SEQ ID NO. 15
#2-15(141-160).	QFAQLTDFNL MGTGVIDGQG	SEQ ID NO. 16
#2-16(151-170).	MGTGVIDGQG QQWWAGQCKV	SEQ ID NO. 17
#2-17(161-180).	QQWWAGQCKV VNGR TVCNDR	SEQ ID NO. 18
#2-18(171-190).	VNGR TVCNDR NRPTAIKIDY	SEQ ID NO. 19
#2-19(181-200).	NRPTAIKIDY SKSVTVKELT	SEQ ID NO. 20
#2-20(191-210).	SKSVTVKELT LMNSPEFHLV	SEQ ID NO. 21
#2-21(201-220).	LMNSPEFHLV FGEC EGVKIQ	SEQ ID NO. 22
#2-22(211-230).	FGEC EGVKIQ GLKIKAPRDS	SEQ ID NO. 23
#2-23(221-240).	GLKIKAPRDS PNTD GIDIFA	SEQ ID NO. 24
#2-24(231-250).	PNTD GIDIFA SKRFHIEKCV	SEQ ID NO. 25
#2-25(241-260).	SKRFHIEKCV IGTGDDCIAI	SEQ ID NO. 26
#2-26(251-270).	IGTGDDCIAI GTGSSNITIK	SEQ ID NO. 27
#2-27(261-280).	GTGSSNITIK DLICGPGHGI	SEQ ID NO. 28

Fig. 7

#2-28(271-290). D L I C G P G H G I S I G S L G R D N S SEQ ID NO: 28
 #2-29(281-300). S I G S L G R D N S R A E V S H V H V N SEQ ID NO: 29
 #2-30(291-310). R A E V S H V H V N R A K F I D T Q N G SEQ ID NO: 30
 #2-31(301-320). R A K F I D T Q N G L R I K T W Q G G S SEQ ID NO: 31
 #2-32(311-330). L R I K T W Q G G S G L A S Y I T Y E N SEQ ID NO: 32
 #2-33(321-340). G L A S Y I T Y E N V E M I N S E N P I SEQ ID NO: 33
 #2-34(331-350). V E M I N S E N P I L I N Q F Y C T S A SEQ ID NO: 34
 #2-35(341-360). L I N Q F Y C T S A S A C Q N Q R S A V SEQ ID NO: 35
 #2-36(351-370). S A C Q N Q R S A V Q I Q G V T Y K N I SEQ ID NO: 36
 #2-37(361-380). Q I Q G V T Y K N I H G T S A T A A A I SEQ ID NO: 37
 #2-38(371-390). H G T S A T A A A I Q L M C S D S V P C SEQ ID NO: 38
 #2-39(381-400). Q L M C S D S V P C T G I Q L S N V S L SEQ ID NO: 39
 #2-40(391-410). T G I Q L S N V S L K L T S G K P A S C SEQ ID NO: 40
 #2-41(401-420). K L T S G K P A S C V D K N A R G F Y S SEQ ID NO: 41
 #2-42(411-430). V D K N A R G F Y S G R L I P T C K N L SEQ ID NO: 42
 #2-43(421-440). G R L I P T C K N L R P G P S P K E F E SEQ ID NO: 43
 #2-44(431-450). R P G P S P K E F E L Q Q Q P T T V M D SEQ ID NO: 44
 #2-45(441-460). L Q Q Q P T T V M D E N K G A C A K G D SEQ ID NO: 45
 #2-46(451-470). E N K G A C A K G D S T C I S L S S S P SEQ ID NO: 46
 #2-47(461-480). S T C I S L S S S P P N C K N K C K G C SEQ ID NO: 47
 #2-48(471-490). P N C K N K C K G C Q P C K P K L I I V SEQ ID NO: 48
 #2-49(481-500). Q P C K P K L I I V H P N K P Q D Y Y P SEQ ID NO: 49
 #2-50(491-510). H P N K P Q D Y Y P Q K W V C S C H N K SEQ ID NO: 50
 #2-51(501-514). Q K W V C S C H N K I Y N P SEQ ID NO: 51

Fig. 8

#2-5(41-60).	SNRSLKKLVHSRHDAAATVFN	SEG 10 10 10
#2-7(61-80).	VEQYGA VG DGKHDSTEAFAT	SEG 10 10 10
#2-8(71-90).	KHDSTEAFATTWNAACKKAS	SEG 10 10 10
#2-9(81-100).	TWNAACKKASAVLLVPANKK	SEG 10 10 10
#2-10(91-110).	AVLLVPANKKFFVNNLVFRG	SEG 10 10 10
#2-11(101-120).	FFVNNLVFRGPCQPHLSFKV	SEG 10 10 10
#2-12(111-130).	PCQPHLSFKVDGTIVAQPDP	SEG 10 10 10
#2-13(121-140).	DGTIVAQPDPARWKN SKIWL	SEG 10 10 10
#2-14(131-150).	ARWKN SKIWLQFAQLTDFNL	SEG 10 10 10
#2-15(141-160).	QFAQLTDFNLHGTGVIDGQG	SEG 10 10 10
#2-16(151-170).	HGTGVIDGQGGQWWAGQCKV	SEG 10 10 10
#2-17(161-180).	QQWWAGQCKVVNGR TVCND R	SEG 10 10 10
#2-18(171-190).	VNGR TVCND RNEPTA IKIDY	SEG 10 10 10
#2-19(181-200).	NRPTA IKIDY SKSVTVKELT	SEG 10 10 10
#2-20(191-210).	SKSVTVKELT LMNSPEFHLV	SEG 10 10 10
#2-21(201-220).	LMNSPEFHLVFGCEG VKIQ	SEG 10 10 10
#2-22(211-230).	FGCEG VKIQGLKIKAPRDS	SEG 10 10 10
#2-23(221-240).	GLKIKAPRDS PNTD GIDIFA	SEG 10 10 10
#2-24(231-250).	PNTD GIDIFASKR FHIEKCV	SEG 10 10 10
#2-25(241-260).	SKR FHIEKCVIGTGDDCIAI	SEG 10 10 10
#2-26(251-270).	IGTGDDCIAICTGSSNITIK	SEG 10 10 10
#2-27(261-280).	GTGSSNITIKDLICGPGHGI	SEG 10 10 10
#2-30(291-310).	RAEVSHVHVNR AKFIDTQNG	SEG 10 10 10
#2-31(301-320).	RAKFIDTQNGLR IKTWQGG S	SEG 10 10 10
#2-32(311-330).	LR IKTWQGG SGLASYITYEN	SEG 10 10 10
#2-33(321-340).	GLASYITYENVEMINSENPI	SEG 10 10 10
#2-34(331-350).	VEMINSENPI LINQFYCTSA	SEG 10 10 10
#2-35(341-360).	LINQFYCTSASACQNQRS AV	SEG 10 10 10
#2-36(351-370).	SACQNQRS AVQIQGV TYKNI	SEG 10 10 10
#2-37(361-380).	QIQGV TYKNIHGTSATAAAI	SEG 10 10 10
#2-38(371-390).	HGTSATAAAIQLMCSDSVPC	SEG 10 10 10
#2-40(391-410).	TGIQLSNVSLKLTSGKPASC	SEG 10 10 10
#2-41(401-420).	KLTSGKPASCVDKNARGFYS	SEG 10 10 10
#2-42(411-430).	VDKNARGFYSGRLIPTCKNL	SEG 10 10 10
#2-43(421-440).	GRLIPTCKNL R PGPSPKEFE	SEG 10 10 10